

WHAT IS CLAIMED IS:

1. A thermoplastic molding compositions comprising
 - 5 A) 40 to 99.5 parts by weight of at least one branched resin selected from a first group consisting of aromatic polycarbonate and polyestercarbonate and
 - B) 0.5 to 60 parts by weight of graft polymer containing a grafting shell and a grafting base, said grafting base being other than polybutadiene rubber,
- 10 wherein the structure of the branched resin contains at least one residue of a branching agent selected from a second group consisting of tri-functional phenolic monomer and tetra-functional phenolic monomer.
- 15 2. The composition of Claim 1 wherein the branching agent contains functional amine groups capable of polymerization.
3. The composition according to Claim 1, in which B is in particle form and is a product of emulsion polymerization.
- 20 4. The composition according to Claim 1 in which grafting base is a member selected from the group consisting of EPDM rubbers, silicon rubbers, acrylate rubbers and silicon-acrylate composite rubbers.
- 25 5. The composition according to Claim 1, in which grafting shell contains 50 to 99 parts by weight relative to the grafting shell, of at least one member selected from the group consisting of vinyl aromatics, core-substituted vinyl aromatics and (meth)acrylic acid-(C₁-C₈)-alkyl esters and 1 to 50 parts by weight relative to the grafting shell, of at least one member selected from the group consisting of vinyl cyanides, (meth)acrylic acid-(C₁-C₈)-alkyl esters and derivatives of unsaturated carboxylic acids.

6. The composition according to Claim 1, in which B further contains a free (co)polymer polymerized of at least one member selected from the group consisting of vinyl aromatics, (meth)acrylic acid-(C₁-C₈)-alkyl esters, vinyl cyanides and derivatives of unsaturated carboxylic acids.

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7. The composition according to Claim 1, in which the branching agent is isatinbiscresol.

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8. The composition according to Claim 1, in which the branching agent content of A is 0.01 to 5 mol.% in relation to the sum of diphenols and branching agents.

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9. The composition according to Claim 1, in which the branching agent content of A is 0.1 to 0.5 mol.% in relation to the sum of diphenol and branching agent.

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The composition according to Claim 1, in which A has a relative solution viscosity of 1.25 to 1.35, measured in CH₂Cl₂ as the solvent at 25°C and at a concentration of 0.5 g/100 ml.

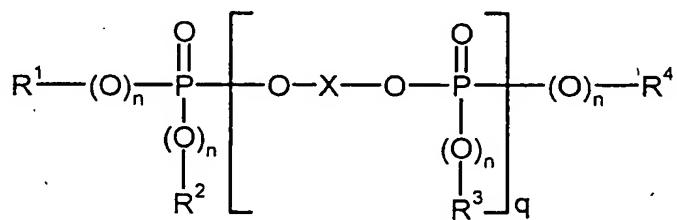
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11. The composition according to Claim 1 further containing at least one flame-retardant selected from the group consisting of phosphorus, silicon, nitrogen and sulfur compounds.

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12. The composition according to Claim 1 further containing at least one halogen-free, phosphorus-based flame-retardant selected from the group consisting of phosphoric acid ester, phosphonic acid ester, phosphazenes, phosphoramidates and phosphonate amines.

13. The composition according to Claim 12 wherein phosphoric acid ester and phosphonic acid ester conform to the general formula



in which

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R^1 , R^2 , R^3 and R^4 independently of each other, mean in each case C_1 - to C_8 -alkyl,
 C_5 -to C_6 -cycloalkyl, C_6 - to C_{20} -aryl or C_7 - to C_{12} -aralkyl,

n independently of each other, means 0 or 1,

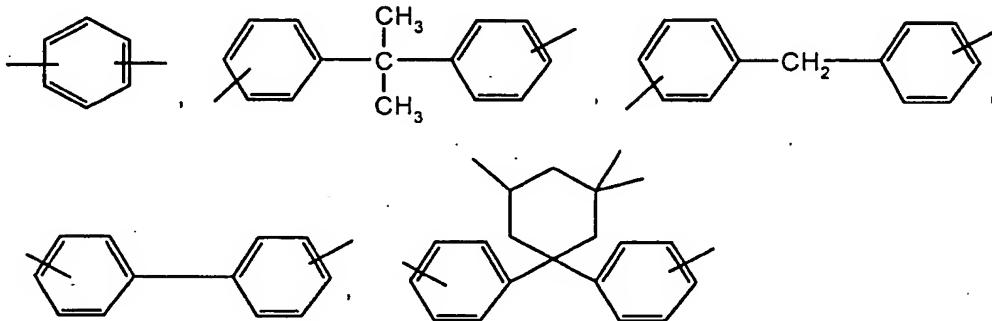
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q means a number from 0.5 to 30 and

X means a mono- or polynuclear aromatic group having 6 to 30 C atoms or a linear or branched aliphatic group having 2 to 30 C atoms, which may be
15 OH-substituted and may contain up to 8 ether bonds.

14. The composition of Claim 14 wherein C_1 - to C_8 -alkyl, C_5 -to C_6 -cycloalkyl are substituted by an alkyl group.

15. The composition according to Claim 13, in which X is selected from the group consisting of



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16. The composition according to Claim 14 in which q is between 1 and 2.

17. The composition according to Claim 11 additionally containing an anti-dripping agent selected from the group consisting of fluorinated polyolefins, silicones and aramide fibers.

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18. The composition according to Claim 11, in which the flame-retardant is present in a positive quantity of up to 25 weight-% in relation to the total weight of A) and B).

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19. The composition according to Claim 17 in which the anti-dripping agent is present in a positive quantity of up to 0.5 weight-% in relation to the total weight of A) and B).

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20. The composition according to Claim 1 additionally containing at least one polymer selected from the group consisting of polyester, polyphenylene oxide, polyphenylene sulfide, epoxide, phenolic resin, novolak and polyether.

21. The composition according to Claim 1 additionally containing at least one polymer additive selected from the group consisting of heat-stabilizer, hydrolysis stabilizer, light stabilizer, flow agent, processing auxiliary agent, mold lubricant, mold release agent, UV absorber, antioxidant, 5 antistatic, preservative, coupling agent, filler, reinforcing agent, dye, pigment, nucleation agent, foaming agent, other flame-retarding additive and smoke-reducing agent.

22. A molded article comprising the composition of Claim 1.